

CLAIMS

What is claimed is:

- 5 1. A computer implemented method of automatic software testing
comprising:
 storing status information of a software test running on a test system
to a common information point;
 reinitializing an operating system on said test system;
10 querying said common information point to determine said status
information; and
 resuming said software test.
2. The method of Claim 1 wherein said common information point is on a
15 computer system independent from a computer system running said software test.
3. The method of Claim 1 wherein said reinitializing is performed under
software control.
- 20 4. The method of Claim 1 wherein said querying is started by a start up
process, said start up process automatically initiated by said operating system.
5. The method of Claim 1 wherein said status information comprises an
identification of test portions completed.

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6. The method of Claim 5 wherein said resuming restarts said software test at point subsequent to a last test portion completed.

7. The method of Claim 1 wherein said test system is running a different
5 operating system subsequent to said reinitializing than said test system was running prior to said reinitializing.

8. A computer implemented method of automatic software testing comprising:

10 installing test driver software on a plurality of test systems;
providing a mapping of a plurality of virtual test system names to real test system names to said test driver software; and
gathering test results from said plurality of test systems.

15 9. The method of Claim 8 further comprising identifying a common point of information to said plurality of test systems.

10 10. The method of Claim 9 wherein said test results are gathered from said common point of information.

11. The method of Claim 9 wherein said mapping resides on said common point of information.

25 12. The method of Claim 9 wherein said common point of information is a network file system mount point common to all test systems.

13. The method of Claim 9 wherein said installing is responsive to a start up process, said start up process automatically initiated by said operating system.

5 14. A computer system for automatic software testing comprising:
a test master computer system;
a plurality of test computer systems communicatively coupled to said
test master computer system;
a common information point communicatively coupled to said test
10 master computer system and to said plurality of test computer systems;
said test master computer system for installing a test driver on each of
said plurality of test computer systems;
at least one of said plurality of test computer systems for:
storing status information of a software test running on said at least
15 one of said plurality of test computer systems to said common information
point;
reinitializing an operating system on said at least one of said plurality
of test computer systems;
querying said common information point to determine said status
20 information; and
resuming said software test.

15. The computer system of Claim 14 wherein said test master computer
system is distinct from said plurality of test computer systems.

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16. The computer system of Claim 14 wherein said reinitializing is performed under software control.

17. The computer system of Claim 14 wherein said querying is started by
5 a start up process, said start up process automatically initiated by said operating system.

18. The computer system of Claim 14 wherein said status information comprises an identification of test portions completed.

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19. The computer system of Claim 18 wherein said resuming restarts said software test at point subsequent to a last test portion completed.

20. The computer system of Claim 14 wherein said at least one of said
15 plurality of test computer systems is running a different operating system subsequent to said reinitializing than said at least one of said plurality of test computer systems was running prior to said reinitializing.